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ABSTRACT

The invention relates to the use of at least one electrically conductive or semiconductive polymer as sensitive material in a resistive or gravimetric sensor intended to detect one or more nitro compounds chosen from the group formed by nitroaromatic compounds, nitromines, nitrosamines and nitric esters.

15 Applications: detection of explosives; checking and monitoring of atmospheric pollution and the quality of the ambient air in relatively confined spaces; monitoring of industrial sites that manufacture, store and/or handle nitro compounds.

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